

**- 131.200 -**

Description of the invention having the title:

**“RECEIVER FOR A FREE SPACE OPTICS SYSTEM WHICH IS ABLE TO  
EVALUATE THE CAUSES OF A REDUCTION OF THE RECEIVED POWER”**

in the name of ALCATEL domiciled at: Rue La Boétie 54, 75008 Paris, France

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**ABSTRACT**

A method is described for detecting a drop in the power received in an optical receiver for free-space optical telecommunications systems and for identifying the cause of said drop in power received. The method envisages the steps of obtaining a value of power relating to the signal required on the optical axis of the receiver; of obtaining at least two additional values of power in opposite areas in respect of said optical axis; and of calculating a difference in power between said at least two additional values of power. Said difference in power is indicative of the cause of the drop in power. Once the cause of the drop in power has been determined, the appropriate countermeasures will be undertaken.